

A G E N D A



Recommendation for Council Action

Austin City Council	Item ID	18593	Agenda Number	3.
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Meeting Date:	9/27/2012	Department:	Austin Energy
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Subject

Approve the issuance of a Letter of Intent for a Performance Based Incentive to Caddo Minerals for the generation of solar energy at its facility located at 2714 Bee Cave Road, Austin, Texas, for an estimated \$10,700 per year with the total amount not to exceed \$122,400 over a 10-year period.

Amount and Source of Funding

Funding in the amount of \$10,700 is included in the Fiscal Year 2012-2013 Operating Budget of Austin Energy. Funding for remaining years of the contract is contingent upon available funding in future budgets.

Fiscal Note

There is no unanticipated fiscal impact. A fiscal note is not required.

Purchasing Language:	
Prior Council Action:	
For More Information:	Leslie Libby, Solar Program Manager, 482-5390; Scott Jarman, Interim Director of Energy Efficiency Services, 482-5307.
Boards and Commission Action:	Recommended by the Electric Utility Commission and the Resource Management Commission.
MBE / WBE:	
Related Items:	

Additional Backup Information

Austin Energy requests authorization to issue a letter of intent for a performance based incentive (PBI) to Caddo Minerals for an estimated \$10,700 per year, not to exceed \$122,400 over the 10-year agreement for the generation of solar energy at 2714 Bee Cave Road, Austin, Texas 78746. The total cost is \$211,000 and the incentive will cover between 49%-58% of the cost of the energy improvement. The PBI level for this project is \$0.14 per kWh for 10 years. The solar equipment, which meets Austin Energy program requirements, includes a total of 250 solar modules rated at 240 watts and associated inverters rated at 96% efficiency. A total of 46.2 kW in demand savings is expected.

This energy improvement will save an estimated 76,003 kWh per year—enough to provide electricity to 7 average Austin homes for a year—and produce an estimated 76 Renewable Energy Credits (RECs) per year. These savings are equivalent to the planting of 1,172 trees or 59 acres of forest in Austin's parks or the removal of 102,466 vehicle miles or nine cars from Austin roadways. This project will save 50 tons of Carbon Dioxide (CO₂); 63 pounds of Sulfur Dioxide (SO₂); 70 pounds of Nitrogen Oxide (NO_x), and 49 pounds of Carbon Monoxide (CO) from being emitted into the atmosphere.